



custom enzymes

CUSTOM E – GLYPHO

Enzyme formulation for the removal of Glyphosate

The Enzymes based Formulation for Soil Enhancement

CUSTOM E - GLYPHO is a blend of selected enzymes with macro and micronutrients to remediate the presence of glyphosate whilst supporting soil ecology enabling soil to become more productive and fertile.

Benefits of CUSTOM E - GLYPHO:

Did you know that it only takes 1/2 an ounce of glyphosate (Roundup) to sequester 1 acre's worth of manganese in a triple bond so it is always trapped? Farmers typically have used 20 ounces per acre?

Manganese regulates potassium, and without manganese, flora cannot regulate Nitrogen or Ammonium, leaving them susceptible to disease, virus and larvae.

Manganese is the mineral of life, without it, seeds cannot fertilise from crops to human and all life in between.

Our enzymes help release the manganese in the soil that the glyphosate and ampa (a phytotoxin) have tied up, meaning healthier crops, healthier dairy and other animals. By using our custom enzymes, you can see increases in revenues and production.

Get in touch to learn more about how we're bringing fallow fields back to life with no crop rotation necessary. The world needs to create more food for increasing demands. Over the last decade, more than 6.0 billion kilograms of the herbicide glyphosate have been applied to soil worldwide. Compared to other pesticides, glyphosate is recorded to have strong sorption characteristics, reducing the risk of leaching. However, several studies have indicated that in some circumstances there is a risk of glyphosate leaching into deeper soil layers, potentially ending up in ground and surface waters. Several further studies have also indicated how harmful glyphosate is towards animal and marine life. Our unique blend CUSTOM E - GLYPHO is a promising solution for reducing this glyphosate in soil and releasing back the Macro and Micronutrients. CUSTOM E - GLYPHO is completely biodegradable and safe to the environment. It maintains the natural properties of the soil and makes it available for cultivation with nutrient presence.

Method of application:

- CUSTOM GLYPHO should be evenly mixed with soil during the ploughing stage. We recommend that the soil should be loosened once before adding CUSTOM E - GLYPHO. Proper moisture should be maintained in soil prior to the application of the product.

Dosage:

- 5-10kg per hectare at soil preparation

Enzyme Properties:

- pH Range with mixed substrate: 5.5 - 7.5
- Temperature Range with mixed substrate: 10°C - 40°C

Packaging:

CUSTOM E GLYPHO is available in 1kg aluminium pouches in 25 Kg and 50 Kg HDPE Drums. The packing can also be customized as per the requirements.

Storage:

Storage and shelf life: Store the product in a cool, dry, and shaded place and avoid keeping it in direct sunlight. The shelf life of CUSTOM E - GLYPHO under recommended storage conditions is for the period of 1 year. Enzyme dust may cause irritation when inhaled. Unnecessary contact with the product should be avoided.

Under these conditions, activity loss after one year should not be more than 5 – 10%. Extended storage under adverse conditions, including high temperature may require the use of higher than recommended dosages.

Handling:

Liquid Enzyme preparations are dust free. However, inappropriate handling may cause the formation of aerosols or dust. Avoid formation of aerosols and dust from dried out or spilled enzyme.

Avoid splashing and high-pressure washing. Aerosols and dust may cause irritation when inhaled. Unnecessary contact with the product and inhalation of dust should be avoided. In case of spillage or contact with the skin or eyes, rinse affected area promptly with plenty of water.